

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5

IN THE MATTER OF:

Exal Corporation  
One Performance Place  
Youngstown, Ohio 44502

ATTENTION:

Amy Lucia,  
Environmental, Health & Safety Manager

**Request to Provide Information Pursuant to the Clean Air Act**

The U.S. Environmental Protection Agency is requiring Exal Corporation (Exal or you) to submit certain information about the facility at One Performance Place, Youngstown, Ohio. Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us within **30 calendar days** after you receive this request.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

Exal owns and operates an emission source at the Youngstown, Ohio facility. We are requesting this information to determine whether your emission source is complying with the Ohio State Implementation Plan and applicable CAA regulations.

Exal must send all required information to:

Attn: Compliance Tracker, AE-18J  
Air Enforcement and Compliance Assurance Branch  
U.S. Environmental Protection Agency  
Region 5  
77 W. Jackson Boulevard  
Chicago, Illinois 60604

Exal must submit all required information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment. Appendix C provides additional information regarding the meaning and scope of the term “emissions data.”

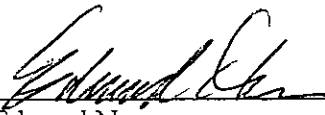
This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 et seq., because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

We may use any information submitted in response to this request in an administrative, civil or criminal action.

Failure to comply fully with this information request may subject Exal to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Jason Schenandoah at 312-886-9506.

8/25/18  
Date

  
Edward Nam  
Director  
Air and Radiation Division

## **Appendix A**

When providing the information requested in Appendix B, use the following instructions and definitions.

### **Instructions**

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and, at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

### **Electronic Submissions**

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide submission on physical media such as compact disk, flash drive or other similar item.
4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and indicate what program was used.

### **Definitions**

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*

1. The terms "document" and "documents" means any object that records, stores, or presents information, and includes, without limitation, email, writings, memoranda, contracts, agreements, records, or information of any kind, formal or informal, whether wholly or partially handwritten or typed, whether in computer format, memory, or storage device, or in hardcopy, including any form or format of these. If in computer format or memory, each such document shall be provided in translation to a form useable and readable by EPA, with all necessary documentation and support. All documents in hard copy shall also include attachments to or enclosures with any document.
2. The term "relate to" (or any form thereof) shall mean constituting, reflecting, representing, supporting, contradicting, referring to, stating, describing, recording, noting, embodying, containing, mentioning, studying, analyzing, discussing, evaluating, or relevant to.
3. The term "emission testing" shall mean any testing performed using sampling and analytical procedures approved by the EPA for the specific pollutant or parameter and facility, unit, pollution control equipment, process, or operation. This includes, but is not limited to, compliance testing, engineering testing, source sampling testing, performance testing, and testing for general information.
4. The term "emission factor" shall mean any representative value that relates the quantity of a pollutant emitted with an industrial activity.

## **Appendix B**

### **Information You Are Required to Submit to EPA**

Exal Corporation must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a):

1. If you have received a Permit-to-Install and Operate (PTIO) issued by the Ohio Environmental Protection Agency (OEPA) after the PTIO issued on January 22, 2014, provide a copy of that permit.
2. Provide a list (in .pdf or Excel-compatible spreadsheet) of all emission units, identified by line number and emission unit ID, that clearly identifies the controls associated with each emission unit by both its 'Afterburner' number and either its 'Catalytic Oxidizer' or its 'Thermal Oxidizer' number. Include the dates for which each emission unit and each control were installed. For emission units or controls for which Exal is permitted but no longer operates, specify the date at which the emission unit or control was last operated.
3. For reporting years 2013 – 2016, provide copies of all Annual Permit Evaluation Reports submitted to the OEPA Northeast District Office (NEDO), and include:
  - a. A narrative describing the method used for and assumptions applied to the annual emissions calculations for each pollutant, including the basis of any emissions factors used;
  - b. A narrative describing how material usage is determined;
  - c. A narrative describing how fugitive emissions are accounted for; and
  - d. Any documents that relate to the procedures used for calculating annual emissions.
4. For production that occurred within 2017, provide all quarterly deviation reports and associated operating logs, that include the hours of operation for each emission unit, capture system, oxidizer, and monitoring equipment, submitted to NEDO.
5. For January 1, 2013 to the date of receipt of this request, provide all malfunction reports submitted to NEDO. Additionally, provide records related to any malfunctions involving any of the curing ovens or oven seals.
6. For January 1, 2013 to the date of receipt of this request, provide copies of any correspondence between Exal and NEDO related to revising the allowable temperature range/limit of any oxidizer.

7. For January 1, 2013 to the date of receipt of this request, specify the dates any changes were made that affected, on a temporary or permanent basis, which control unit each emission unit vents. Provide a description, rationale, duration, and any correspondence with OEPA for each change listed. Include, but do not limit to, OEPA's approval to vent Lines 12 and 13 to Catalytic Oxidizer #9 (instead of #8) for the May 16-17, 2017 stack test. Indicate whether the changes were on a permanent or temporary basis.
8. For January 1, 2013 to the date of receipt of this request, provide an electronic spreadsheet (in Excel-compatible format) including the following information organized by process line, where each process line is identified by its emission unit ID contained within the permit:
  - a. All materials used, identified by their name and identification number/code;
  - b. The volatile organic compound (VOC) content in pounds per gallon and/or percent by weight for each material;
  - c. The hazardous air pollutant (HAP) content in either pounds per gallon and/or percent by weight for each individual HAP for each material;
  - d. The function of each material, i.e. inside coating, outside coating, thinner, additive, cleanup material, etc.;
  - e. The monthly usage, in gallons (if pounds per gallon information was provided in response to part 7c and/or part 7d above) or in pounds (if percent by weight was provided in response to part 7c and/or 7d above); of each material; and
  - f. For each material, cite the method used or resources referenced to determine the VOC and/or HAP content and specify whether the material was used on the interior or exterior coating segments of the line.
9. For all materials used from January 1, 2013 to the date of receipt of this request, provide the Safety Data Sheets and Technical Data Sheets. Additionally, for any materials for which the VOC and/or HAP content was determined using separate methods or references, provide records related to that determination.
10. For January 1, 2009 to the date of receipt of this request, provide copies of all annual preventative maintenance inspection reports for each catalytic oxidizer and all annual catalyst activity tests, excluding those annual catalyst activity tests previously submitted to EPA via email on August 15, 2017, namely the 2015 and 2016 reports for Afterburner numbers 1,3,4,6,7,8, and 9 and the 2017 report for Afterburner number 9. Provide the dates for which any catalyst was washed and/or replaced, and if only partially replaced, specify the amount or percent of total catalyst that was replaced.
11. Provide the most recent emission testing reports that occurred prior to 2015 for the oxidizers servicing the following lines:
  - a. Lines 1 & 2;
  - b. Lines 10 & 11; and
  - c. Lines 12 & 13.

12. Provide all calculations, with detailed explanations, used to develop the Excel file 'Exal TRI Calculations 2015 (Revised).xlsx' submitted to EPA via email on August 15, 2017. Include, but do not limit, your response to the following:
  - a. An explanation and supporting calculations for the change in the 'Total Xylene Used (lbs)' value contained in Cell B3 from the value shown in the same cell of the file 'Exal TRI Calculations 2015.xlsx';
  - b. An explanation and supporting calculations for the origin of the value 357994 in the formula of Cell A25; and
  - c. An explanation and calculations for the values of 96.6% destruction efficiency, 95.38% capture efficiency, and 0.1% for percent loss shown in Cells B30, B25, and B19 respectively.
13. Provide an explanation for the absence of some materials, which were listed in the Excel file '2017\_0814-exal(y,oh)\_coating\_solvent\_material\_content\_summary\_table-f2.xlsx,' from the pdf file 'Exal Monthly Purchase Summary (Coatings & Solvents).pdf.' Both files were submitted via email to EPA on August 15, 2017.
14. Identify each material in the pdf file 'Exal Monthly Purchase Summary (Coatings & Solvents).pdf,' submitted to EPA via email on August 14, 2017, by each material's exact product code.
15. In the email received by EPA on August 14, 2017, with the subject "Exal Corporation - TRI Inspection Information Requested Regarding 2015 Xylene Form R," you stated that some "historical stack tests incorrectly mixed VOC measured as carbon with VOC measured as propane when calculating the actual performance." Identify which stack tests had efficiency adjustments in this manner and provide the calculations performed for each correction.



## **Appendix C**

### **Confidential Business and Personal Privacy Information**

#### **Assertion Requirements**

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A), (B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the information request as a waiver of that claim, and the information may be made available to the public without further notice to you.

## **Determining Whether the Information Is Entitled to Confidential Treatment**

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show: that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential by page, paragraph and sentence. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as

substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

### **Personal Privacy Information**

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.

**CERTIFICATE OF MAILING**

I certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by  
Certified Mail, Return Receipt Requested, to:

Amy Lucia  
Exal Corporation  
One Performance Place  
Youngstown, Ohio 44502

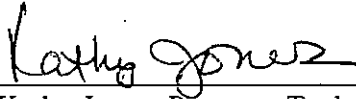
I also certify that I sent a copy of the Request to Provide Information Pursuant to the  
Clean Air Act by E-mail to:

Bob Hodanbosi,  
Chief, Division of Air Pollution Control  
[bob.hodanbosi@epa.ohio.gov](mailto:bob.hodanbosi@epa.ohio.gov)

and

Tara Cioffi  
Administrator  
[tcioffi@youngstownohio.gov](mailto:tcioffi@youngstownohio.gov)

On the 29<sup>th</sup> day of January 2018.

  
\_\_\_\_\_  
Kathy Jones, Program Technician  
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 7014 2870 6061 9578 7925